

## SEWER SYSTEM CLEANING – WASTEWATER

<b>DESCRIPTION</b>	Sewer System Cleaning - Wastewater is equipment for cleaning wastewater sewer system infrastructure
<b>RESOURCE CATEGORY</b>	Public Works
<b>RESOURCE KIND</b>	Equipment
<b>OVERALL FUNCTION</b>	Sewer System Cleaning - Wastewater is equipment for cleaning wastewater sewer system infrastructure, including: <ol style="list-style-type: none"> <li>1. Sewer mains</li> <li>2. Manholes</li> <li>3. Combined sewer overflows (CSO)</li> <li>4. Sanitary sewer overflows (SSO)</li> </ol>
<b>COMPOSITION AND ORDERING SPECIFICATIONS</b>	<ol style="list-style-type: none"> <li>1. This equipment can be ordered in conjunction with a National Incident Management System (NIMS) typed team (Repair Team Sewer Mains - Wastewater; Repair and Start-Up Team Lift and Pump Stations - Wastewater Facility)</li> <li>2. Can be ordered with staff using the NIMS Utility Worker Specialist - Water Sector Infrastructure</li> <li>3. Requestor verifies trailer connection compatibility if equipment is trailer mounted</li> <li>4. Requestor verifies equipment fuel requirements</li> <li>5. Type 1, Type 2, or Type 3 teams may conduct SSO/CSO cleanup, as the requestor specifies</li> </ol>

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	TYPE 1	TYPE 2	TYPE 3	NOTES
<b>EQUIPMENT DESCRIPTION</b>	1 - Sewer jet/vac truck (combination sewer cleaning machine)	1 - Sewer jet truck/trailer	1 - Sewer power rod truck	Not Specified
<b>EQUIPMENT CAPACITY</b>	5,000 cubic feet per minute at 18 inch Hg vacuum, positive displacement	Not Specified	Not Specified	Not Specified
<b>EQUIPMENT SPECIFICATIONS</b>	50 gallons per minute (GPM) and 2,000 pounds per square inch (PSI)	40 GPM and 2,000 PSI	Not Specified	Not Specified
<b>EQUIPMENT HOSE REACH</b>	Same as Type 2	600 feet	Not Specified	Not Specified
<b>EQUIPMENT DEBRIS TANK</b>	Greater than 10 cubic yards	Not Specified	Not Specified	Not Specified
<b>EQUIPMENT WATER TANK</b>	500 to 2,000 gallons	500 gallons	Not Specified	Not Specified

## NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

---

## REFERENCES

1. FEMA, NIMS 508: Repair Team Sewer Mains – Wastewater
2. FEMA, NIMS 508: Repair and Start-Up Team Lift and Pump Stations – Wastewater Facility
3. FEMA, NIMS 509: Utility Worker Specialist – Water Sector Infrastructure
4. FEMA, National Incident Management System (NIMS), October 2017
5. FEMA, National Response Framework, June 2016